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# THANKS FOR PURCHASING



## Iconic Synth Collection

Take 6 vintage synthesizers, carefully restore them, create a massive array of presets and deeply multi-sample them, professionally process and master the sounds, infuse them into the industry proven UVI Engine--giving you endless sound shaping options, then wrap the results in immaculately prepared GUIs and you've got UVI Vintage Legends.

Instantly call up inspiration from the Yamaha CS-70M, CS-40M and CS-20M, the crazy Italian Elka Synthex, the Rhodes Chroma, the king of FM Yamaha DX1, the rare DK Synergy, and rediscover the classic K250.

At UVI we've been producing sound for over 20 years and designing our own software for over 12. We've found that virtual instruments with a foundation in sampling have a more defined character and distinct sound quality than those based on digital modeling. The trouble with sample-based instruments is that they're typically lacking in expression and flexibility; one sample, one sound. UVI hybrid instruments are more flexible than a conventional ROMpler and more authentic than a simulation, giving you the best of both worlds. Vintage Legends integrates over 30,000 samples from classic synths into the acclaimed UVI Engine, giving you the distinct character of hardware with the added control, convenience and power of a modern digital instrument.

In fact we think Vintage Legends sounds better than the hardware that inspired it. Taking these classic tones into new sonic territory, the UVI Engine delivers massive unison spreads, abundant polyphony, thick modeled filters, drive, reverbs, modulation, FX and much, much more. Needless to say our instruments will never need to be serviced or go out of tune (unless you want them to) and they're far easier to lug around than hardware!

Vintage Legends comes packed with over 800 presets expertly crafted by our sound design team, giving you a huge library of unique sounds and textures not available anywhere else.

***We've worked hard to develop the highest quality sounds and tools, and wish you the best musical experience. Enjoy!***  
**The UVI Team**

\* Yamaha, Elka, ARP, Rhodes, Kurzweil, D.K, CS70M, CS40M, CS20M, DX1, Synthex, Chroma, K250, K1000 and Synergy are trademarks of their respective owners and are not affiliated, endorsed, connected or sponsored in any way to this manual or any of our affiliate websites ; therefore do not be confused between UVI and these brands.

## iLok Required

To be able to load sounds from this product, you'll need an iLok key as well as an iLok.com account.

And if you experience any problem our support is here to help : [support@uvi.net](mailto:support@uvi.net).



## UVIWORKSTATION

This is the official free player to load and use the all the UVI sounds & instruments available today. Stay tuned at [www.uvi.net](http://www.uvi.net) to get the last infos.

### > Features in Version 2:

- New single mode for loading next generation of UVI sounds and instruments
- Compatible with the UVI scripted instruments
- Powerful Arpeggiator, extremely flexible and complete
- Easy to use Search Engine to find quickly what you're looking for
- Universal compatibility Mac / PC
- Operate in full 64 bits on Mac / PC
- Manage instruments and loops in the same interface
- Smart integrated browser
- Convenient mixing environment with meters, mute, solo, volume, pan...
- Unlimited parts
- Up to 64 MIDI channels
- Disk streaming per part
- Multiple separate outputs
- MIDI learn
- Expert mode
- Cross-platform Multis & all host compatible
- Unlimited FX
- Complete professional effects arsenal, with easy editing (delay, reverb, phaser, chorus, EQ, filter, drive, distortion, compressor...)
- Excellent sounding convolution reverb
- Direct sync to host : tempo & transport
- State-of-the-art real-time time-stretch algorithm
- Real-time sync to the beat: loops are always in time
- Latch mode
- Sample/Slice Start for loops and phrases
- Drag & Drop MIDI & Audio
- Import REX files, Apple Loops, AIFF, WAV and more...
- Expandable with all UVI sounds and instruments
- Direct connection to the UVI.net RSS feed

## MachFive 3 by MOTU > Universal & Creative Sampler

If you want to go deeper on the editing and get access to the best time stretch, granular and other synth engine, note that the incredible MOTU MachFive 3 is the big brother of UVI Workstation.

Check out [www.motu.com](http://www.motu.com) for more infos about MachFive 3



# INSTALLING THE UFS FILE

---

UFS files are UVI's monolithic instrument files. All required samples, presets, scripts, FX and impulse responses are contained within an instruments UFS file, making for easy installation and file management.

Follow the procedures outlined below in order to install Vintage Legends and load in either UVI Workstation 2 or MOTU MachFive 3.



**Stand Alone**  
**Audio Units / RTAS**  
**VST / MAS**  
**... using UVI Workstation 2 or MOTU MachFive 3**

## Minimum System Requirements

- MacIntel processors
- 4 GB of RAM
- 22 GB of hardisk space
- MAC OS X 10.6 or higher
- Hard Drive: when using Streaming, faster drive will allow more voices to play
- UVI Workstation 2 or MOTU MachFive 3 installed

## How to install the UFS file

Copy the UFS file in this location :  
[your startup disk]/Library/Application Support/UVISoundBanks

You can also drop an alias of this file in this location, provided they have the same name. (not My soundpack.ufs alias for instance)



**Stand Alone**  
**VST**  
**RTAS**  
**... using UVI Workstation 2 or MOTU MachFive 3**

## Minimum System Requirements

- Core duo or faster
- 4 GB of RAM
- 22 GB of hardisk space
- Windows XP SP2 or higher version, Windows Vista
- Hard Drive: when using Streaming, faster drive will allow more voices to play
- UVI Workstation 2 or MOTU MachFive 3 installed

## How to install the UFS file

Copy the UFS file in this location :  
C:\Program Files\UVISoundBanks.

You can also drop a shortcut to this file in this location, provided they have the same name. (not Shortcut to My soundpack.ufs for instance)

| CS-M                                                                   | Energy                                                               | FMX1                                                                   | Kroma                                                                 | Synthox                                                             | U1250                                                                 |
|------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------|
| UFS file size : 2.25 GB<br>Nb of presets : 128<br>Nb of samples : 6729 | UFS file size : 1.9 GB<br>Nb of presets : 80<br>Nb of samples : 1471 | UFS file size : 9.7 GB<br>Nb of presets : 202<br>Nb of samples : 12782 | UFS file size : 2.1 GB<br>Nb of presets : 134<br>Nb of samples : 2869 | UFS file size : 2 GB<br>Nb of presets : 128<br>Nb of samples : 2598 | UFS file size : 3.9 GB<br>Nb of presets : 155<br>Nb of samples : 5600 |

# ABOUT CS-M

## PROGRAMMABLE MEMORY SYNTHESIZER



Between 1979 and 1984, Yamaha designed and built some of the most unique and distinct sounding analog synths in the world. (the most famous of which being the well regarded CS-80) At UVI we actually prefer the sound of the lesser known siblings of the family, we're speaking of 3 marvelous models: the CS-70M, CS-40M, and CS-20M.

UVI CS-M features a dual-layer architecture and instant preset/layer switching making it an extraordinarily responsive instrument capable of a wide range of sounds. Layers include all possible base waveforms and noises as well as expertly programmed presets, all made on the original machines. In fact, we've gone to great lengths to ensure the authentic sound and natural texture of these machines was preserved and translated clearly in CS-M. We sampled everything, down to the unique Unison and Ensemble sounds from the massive CS-70M.



CS-70M

The wonderful vintage aesthetic of this synthesizer can be taken even further with help from the UVI Engine; CS-M comes packed with a wealth of features to help you enrich and customize your sounds including double arpeggios, a step sequencer, LFOs and precision modeled FX, allowing you to freely tread in territory the old hardware couldn't dream of.

From thick and gritty textures to pulsing warm tones and everywhere in between, UVI CS-M is a grande ode to one of our most beloved inspirations.



CS-M is also available as a single instrument.



THE THREE CS-M PAGES

## 1. EDIT PAGE



Sound generation and effect controls for Layers A and B

## 2. MODULATION PAGE



LFO, Step Sequencer and modulation routings

## 3. ARPEGGIATOR PAGE



Dual arpeggiators

# CS-M USER INTERFACE

CS-M loads sounds and waveforms in two layers (A and B), you can edit each with all available controls. CS-M includes 128 presets which can be accessed instantly from any page.

## MAIN section



- EDIT/MOD/ARP Switch from EDIT page to MOD page to ARP page
- MUTE A/B Mute Layer A or B
- VOLUME/PAN Control volume and pan for layer A or B
- OCTAVE Octave transpose of the current layer
- MASTER Global volume control
- PRESET Select one of the global presets by using the arrows or the conventional preset list

## EDIT Selection



You can choose to edit only the layer A, only the layer B, or both layers at the same time.

- 1st selection line

This slot allows you to select one of the category: Ensemble, Raw Poly, Raw Solo, Unison, Waves, Waves Noises, Waves Unison Xtra CS20M Sounds & Xtra CS20m Waves.

- 2nd selection line

This slot allows you to change the sound from selected category

## 1. EDIT page



## AMPLITUDE

- A / D / S / R Volume envelope
- NO VEL When on, all sounds will be played at maximum volume
- VEL > ATK Convert low velocities to long attacks and high velocities to short attacks

## FILTER



- TYPE Select from LPF, BPF, HPF and no filter
- CUT OFF / RES Low pass filter, cut off and resonance
- EG DEPTH Depth of the ADSR applied to the filter.
- VELOCITY Second LPF filter mapped to velocity
- A / D / S / R Filter envelope

## STEREO



- OFF Standard playing mode using mono samples
- ALT This emulates the multiple output from old samplers. Each voice is panned sequentially from left to right (SPREAD parameter sets the depth of the stereo)
- UNI Using sound layering manipulation, this feature allows a dramatic extension of the stereo image. To be combined with COLOR and SPREAD settings
- COLOR Playing neighboring samples, this parameter shifts the color of the sound in a unique way
- SPREAD Works in ALT and UNI mode, setting the stereo spread
- TUNE Works only in UNI mode, detuning both layers

## PITCH



- TUNE Tune the selected layer in semitones/cents  
**Note:** you can double click on the knob to enter the desired value.
- DEPTH Set the depth of the portamento
- TIME Set the glide time
- MODE Switch from Poly to Mono mode

# CS-M USER INTERFACE

## MODWHEEL



This section allows you to choose what will be assigned to the modwheel.

- VIBRATO On/Off
- RATE Speed of the vibrato (free)
- TREMOLO On/Off
- RATE Speed of the tremolo (tempo dependent)
- FILTER On/Off
- DEPTH Depth setting from the low pass filter cut off frequency

## EFFECTS



- PHASER On/Off
- MIX To adjust the Dry/Wet weighting
- DELAY On/Off
- MIX To adjust the Dry/Wet weighting
- REVERB On/Off
- MIX To adjust the Dry/Wet weighting

**Note:** You can add as many FX as you want in the UVI Workstation, and you can even edit the sounds deeper within MOTU MachFive 3.1.

## 2. MOD page

CS-M includes a freely controllable LFO and Step Sequence modulators which can be routed independently to both layers.



### LFO PARAMETERS

- SYNC Enable/Disable Sync LFO to Host Tempo
- SPEED Speed of the LFO

- EG Depth Set the depth of the envelope assigned to LFO speed
- Attack Time Set Attack time the LFO speed's envelope
- Decay Time Set Decay time the LFO speed's envelope
- LFO Type Select Waveform of the LFO : Sine, Square, Triangle or Sample & Hold (random)

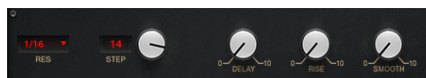
### LFO DESTINATION



The LFO can be routed independently to either layers pitch, volume, drive or filter.

- Knob Set the level of the
- Button A/B Set the destination of the LFO

### STEP MODULATOR PARAMETERS



- RES Speed resolution of the step
- STEP Number of steps
- DELAY Time to activate step
- RISE Time to activate with a smooth transition
- SMOOTH Smoothing the level value

**Note:** The 'Smooth' parameter interpolates values between steps, allowing you to use the Step Sequencer as a custom LFO.

### STEP DESTINATION



- Knob Set the level of the step modulator
- Button A/B Set the destination of the step modulator

### STEP EDIT



Simply draw your steps with the mouse.  
A step with a value of «0» is like having no step.

# CS-M USER INTERFACE

## 3. ARP page

CS-M includes two arpeggiators which can be routed to each layer independently (DUAL MODE), or the first to both layers (MONO MODE).. Arpeggiators are always synced to the UVI Workstation or MachFive 3 master tempo.



### MODE



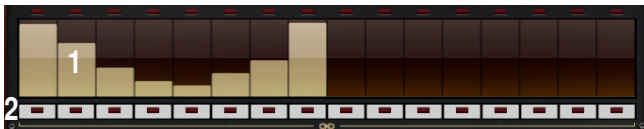
- MONO ARP 1 is connected to Layer A and Layer B
- DUAL ARP 1 is connected to Layer 1 and ARP 2 to Layer B

### ARP PARAMETERS



- ARP MODE Select up, down or up & down
- RES Select the speed of the Arpeggiator
- OCTAVE Extend the range of the Arpeggiator from + 3 to - 3 octaves
- GATE Adjust the note length
- STEP Select the number of steps played

### ARP STEP EDITOR



- 1 - COLUMN Adjust the velocity of a step
- 2 - LINK Link a step to the previous one

## Load CS-M into UVI Workstation

In Multi mode, double-click on a part name or, in Single mode, double-click on the preset name ( you can also press the «eye» symbol on the UI), and you will see the browser below when selecting CS-M.



The 'CS-M.M5p' contains all data and presets for the instrument; this allows for instant preset changes.



## Save/Load Your Own CS-M Preset

In UVI Workstation you can save your own settings with the 'Save Mutli' option available in Multi-mode.

In MOTU MachFive 3 single preset saving is available.

If you're working within a DAW, all settings will be saved with your project file automatically.

- 00-Init
- AR-Art Peggios
- AR-Cool Session
- AR-Gumball Acrobatics
- AR-Kiesertsky G
- AR-Play 3 Notes
- AR-Primitive
- AR-Spatial Story
- AR-Tanjarre Dream
- AR-Tease Analog
- ✓ AR-Xanalog Beat
- AR-Xperimental Valley
- BL-A Very Small One
- BL-Baby Bell
- BL-Bella Noia
- BL-Ensembels
- BL-Guiz Mode
- BL-Tremolos
- BR-Eve Angels
- BR-French Horn Like
- BR-K Brass Orch
- BR-Lazer Brass
- BR-Majestic OBrass
- BR-Power Brass
- BR-Sea Fluid
- BS-Alley Shakedown
- BS-Burnt Popcorn
- BS-Chinese Fretless
- BS-Crate Duster
- BS-Grain Bass Lead
- BS-Intoxic
- BS-Jo B Jo Bass
- BS-LocOmOt1v8r
- BS-Magus Electrus
- BS-Multi Polarity
- BS-Music and Nights
- BS-TB Progress
- BS-Tren2 Diana
- BS-Underground
- BS-Yeti Bass
- BS-Zapp Nostalgia
- CH-Accelerator
- CH-Analog Crunch
- CH-Decade Inversion
- CH-Evolu Chord Wheel
- CH-Nate FF1087
- CH-Parallel Predators
- CH-Relaxing Wheel
- CH-Starlight
- FD-Dayvan Indian
- FD-Glissandi
- FD-Haunted Flat
- FD-Kaufman Synchronus
- FD-LoFi CoalRider
- FD-Move Away
- FD-Noise Dunes

# CS-M PRESETS & LAYER LIST

Layer content



## Arpeggios

AR-Art Peggios  
AR-Cool Session  
AR-Gumball Acrobatics  
AR-Kieseritzky G  
AR-Play 3 Notes  
AR-Primitive  
AR-Spatial Story  
AR-Tanjarre Dream  
AR-Tease Analog  
AR-Xanalog Beat  
AR-Xperimental Valley

## Bells

BL-A Very Small One  
BL-Baby Bell  
BL-Bella Noisa  
BL-Ensembells  
BL-Guiz Mode  
BL-Tremolos

## Brassy

BR-Eve Angelis  
BR-French Horn Like  
BR-K Brass Orch  
BR-Lazer Brass  
BR-Majestic OBrass  
BR-Power Brass  
BR-Sea Fluid

## Bass

BS-Alley Shakedown  
BS-Burnt Popcorn  
BS-Chinese Fretless  
BS-Crate Duster  
BS-Grain Bass Lead  
BS-Intoxic  
BS-Jo B Jo Bass  
BS-L0c0m0t1v8r  
BS-Magus Electrus  
BS-Multi Polarity  
BS-Music and Nights  
BS-TB Progress  
BS-TrenZ Diana  
BS-Underground  
BS-Yeti Bass  
BS-Zapp Nostalgia

## Play Chords

CH-Accelerator  
CH-Analog Crunch  
CH-Decade Inversion

CH-Evolu Chord Wheel  
CH-Nate FF1087  
CH-Parallel Predators  
CH-Relaxing Wheel  
CH-Starlight

## FX-Drone

FD-Dayvan Indian  
FD-Glissandi  
FD-Haunted Flat  
FD-Kaufman Synchronus  
FD-LoFi CoalRider  
FD-Move Away  
FD-Noise Dunes  
FD-Rue of Terra  
FD-Sweep Machine  
FD-Talking Tex

## Keyboards

KB-CS Analog Piano 1  
KB-CS Analog Piano 2  
KB-CS Analog Piano 3  
KB-Dirty Organ  
KB-Fantasiatic  
KB-HarpsYanalog  
KB-Key Tooma  
KB-Majestic Keys  
KB-Molecular  
KB-Nick Wheel Organ  
KB-Orgalagic  
KB-Organ 20M  
KB-Pluck Road  
KB-Seq Clavistan  
KB-Short Piano  
KB-Soft Pluck

## Lead

LD-Cajolead  
LD-Creamy Synth  
LD-CSolo 70M  
LD-CSweep Lead  
LD-First Lead  
LD-Funky Cucumber  
LD-Fusion Lead  
LD-Mono AL  
LD-NoiSolo  
LD-Short Cop X  
LD-Strange LFO  
LD-Wha Wheel Solo  
LD-Xtatic Motion

## Noisy

NS-ColdnQuiet  
NS-Guiznoiso  
NS-Noise Melody  
NS-Noisonic Pad  
NS-Ominousea

## Pads

PD-86 Skies Full Wheel  
PD-Analog Pure  
PD-Creamy Flutter  
PD-Dark Volute  
PD-Du ALmosphere  
PD-Granular Soft  
PD-Hall of Grain  
PD-Hornalog Pad  
PD-Hybrid Choir  
PD-Little Planet  
PD-Orchestranalog  
PD-Step Walking  
PD-Urban Bed

## Polysynth

PL-Big Power One  
PL-Full Ens Synth  
PL-Laughing Factory  
PL-PolyGrain  
PL-Portamanteau  
PL-Raining Pluck  
PL-Submarine Scream  
PL-Tekno Idea

## Strings Like

ST-Bi Spectral Strings  
ST-Ensemble Machine  
ST-In a Box  
ST-Lina Star  
ST-Mutronic Strings  
ST-My Eminent  
ST-Noisycato  
ST-Pizzanalog  
ST-Soloist

## Sweeps

SW-Classic Jarr  
SW-Inverted  
SW-Moment of Clarity  
SW-Monowheelist  
SW-Original Sweep

## Ensemble

CSweep 70M  
Full Ensemble  
Lina Strings 1  
Lina Strings 2  
Machine String  
Softy Brassy

## Raw Poly

Bright Pad  
Elec Piano  
French Hornalog  
Grain Soft 1  
Grain Soft 2  
OBrass  
Power Wave  
Short Piano

## Raw Solo

Bass Lead  
CSolo 70M  
Double Seq  
Laser  
Pluck  
Power Grain  
Seq Clav  
Solo Soft

## Unison

Bass Lead 1  
Bass Lead 2  
Dirty Organ  
Orchestral Brass  
Polyson  
Power UNI  
Resophonic  
Soft Pad  
Thing Long

## Waves

Saw  
Sine  
Sine-Saw  
Square PWM 1  
Square PWM 2  
Square PWM 3  
Square-Saw PWM 1  
Square-Saw PWM 2  
Square-Saw-Sine PWM 1  
Square-Saw-Sine PWM 2

## Waves Noises

Noise BP Raw  
Noise BP Reso  
Noise Flat Raw  
Noise Flat Reso 1  
Noise Flat Reso 2  
Noise HP Raw  
Noise HP Reso  
Noise Unison Raw  
Noise Unison Reso 1  
Noise Unison Reso 2  
Sub Noise Unison

## Waves Unison

Sine-Saw Uni  
Sine-Square Uni  
Square-Saw Uni  
Square-Saw-Sine Uni

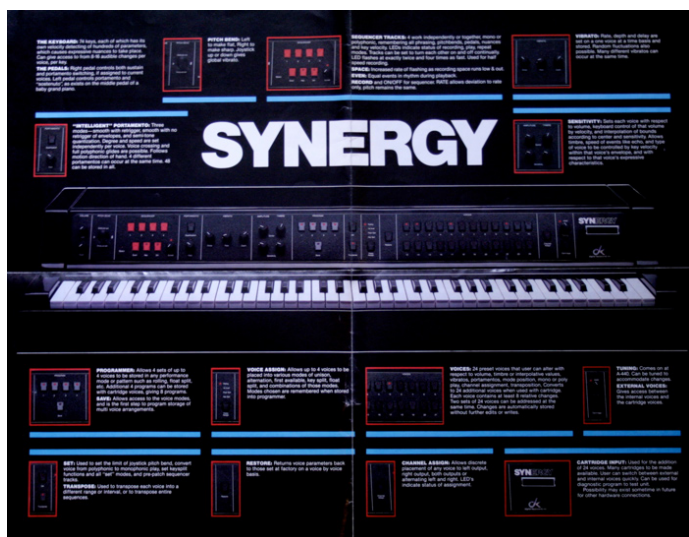
## CS20M Sounds

Big One  
Big Two  
Gizmono  
Funky Bass  
Technoid  
PortHardmento  
Noisonic  
Lazer  
Organic  
SeqOrgan  
Fifth Avenue  
Pianoise

## CS20M Waves

Sine  
Triangle  
Saw  
Square PWM 0  
Square PWM 2  
Square PWM 4  
Square PWM 6  
Square PWM 8  
Noise

# ABOUT ENERGY

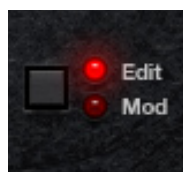


The DK Synergy is easily one of the most odd vintage synthesizers. Sporting 32 oscillators of sine or triangle wave, the Synergy was primarily known for additive synthesis but is capable of some FM synthesis as well. Synergy was one of the first synthesizers with a memory cartridge, allowing some expansion to the 24 internal patches but required an external device to write them.



The DK Synergy was and is a nightmare to program—but the sounds are fantastic, used by electronic virtuosos like Wendy Carlos. So we were determined to create a full library of patches from this keyboard and bring you a dose of this classic odd-ball. In addition to the included patches you can design your own from basic waveforms offered by the hardware. The UVI Engine allows for further customization of Energy—giving you a built-in arpeggiator, step sequencer, LFO and precision-modeled FX.

UVI Energy has a one-of-a-kind sound and is an exclusive instrument only available in the Vintage Legends collection.



## THE ENERGY PAGES

### 1. EDIT PAGE



Sound generation and effect controls

### 2. MODULATION PAGE



LFO, Step Sequencer and modulation routings

### THE ENERGIZER



Crank up the grit and power of your sound with our exclusive 'Energizer' effect.

# ENERGY USER INTERFACE

After loading a preset into the UVI Workstation or MachFive 3, you'll find the following graphic interface for each of the Energy presets. The included features allow for quick and intuitive sound sculpting.

## 1. EDIT Page



### ARP ON/OFF

Some Energy presets use an internal arpeggiator that you can deactivate thanks to this button. Don't forget that you can use the full-featured UVI Workstation arpeggiators in any preset !

### AMPLITUDE

- A / D / S / R Volume envelope.
- VEL SENSE Adjust velocity sensitivity.
- VEL > ATK Convert low velocities to long attacks and high velocities to short attacks

**Note:** the longest attack will be set by the «A» parameter.

### FILTER

- HP / BP / HP Filter mode.
- CUT OFF Set cut-off frequency.
- RES Adjust resonance (Q) of the filter.
- ENV DEPTH Depth of the ADSR applied to the filter
- A / D / S / R Typical filter envelope.
- VEL SENSE Adjust velocity sensitivity
- DRIVE Adjust Drive amount.

### PITCH

- MODE Switch from Poly to Mono mode.
- DEPTH Set the depth of the portamento in Poly mode.
- TIME Set the glide time of both mode

### SUB OSC

- Select OSC Clean or Dirty sub oscillator
- Volume Adjust sub oscillator volume

### STEREO

- OFF Standard playing mode using mono samples
- ALT This emulates the multiple output from old samplers  
Each voice is panned sequentially from left to right (SPREAD parameter sets the depth of the stereo)
- UNI Using sound layering manipulation, this feature allows a dramatic extension of the stereo image  
To be combined with COLOR and SPREAD settings
- COLOR Playing neighboring samples, this parameter shifts the color of the sound in a unique way
- SPREAD Works in ALT and UNI mode, setting the stereo spread
- TUNE Works only in UNI mode, detuning both layers

### > MODWHEEL

This section allows you to choose what will be assigned to the modwheel.

- VIBRATO On/Off
- RATE Speed of the vibrato (free)
- TREMOLO On/Off
- RATE Speed of the tremolo (tempo dependent)
- FILTER On/Off
- DEPTH Depth setting from the low pass filter cut off frequency

### > EFFECTS

- PHASER On/Off
- MIX To adjust the Dry/Wet weighting
- DELAY On/Off
- MIX To adjust the Dry/Wet weighting
- REVERB On/Off
- MIX To adjust the Dry/Wet weighting

## 2. MOD Page

Energy features a complete LFO and intuitive Step Sequencer modulator that can be connected to pitch, volume, drive and filter.



# ENERGY USER INTERFACE

## Low Frequency Oscillator



### LFO PARAMETERS

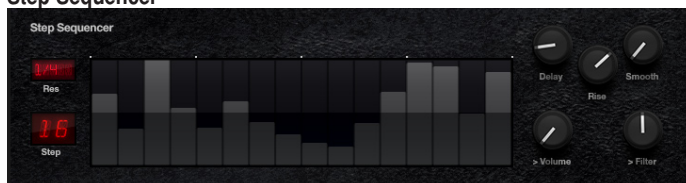
- SYNC Enable/Disable Sync LFO to Host Tempo
- SPEED Speed of the LFO
- EG Depth Set the depth of the envelope assigned to LFO speed
- Attack Time Set Attack time the LFO speed's envelope
- Decay Time Set Decay time the LFO speed's envelope
- LFO Type Select Waveform of the LFO : Sine, Square, Triangle or Sample & Hold (random)

### LFO DESTINATION

LFO can be connected independantly to both layers for pitch, volume, drive and filter.

- Knob Set the level of the LFO per destination

## Step Sequencer



### STEP MODULATOR PARAMETERS

- RES Speed resolution of the step
- STEP Number of steps
- DELAY Time to activate step
- RISE Time to activate with a smooth transition
- SMOOTH Smoothing the level value

#### Note :

Thanks to the smooth paramater you can transform the Seq modulator as very powerfull LFO.

### STEP DESTINATION

- Knob Set the level of the step modulator to volume and filter.

### STEP EDIT

Simply draw your steps with the mouse.

A step with a value of «0» is like having no step.

## Load Energy Presets into UVI Workstation

In Multi mode, double-click on a part name or, in Single mode, double-click on the preset name ( you can also press the «eye» symbol on the UI), and you will see the browser below when selecting an Energy Preset.



## Save/Load Your Own Energy Preset

In UVI Workstation you can save your own settings with the 'Save Mutli' option available in Multi-mode.

In MOTU MachFive 3 single preset saving is available.

If you're working within a DAW, all settings will be saved with your project file automatically.

# ENERGY PRESETS LIST

---

## Arpeggios

Balladisiac  
Clarpsic Analog  
Columbo  
Crazy Arp Wheel  
Noisy Eighty  
Seventy Nine Chords  
Slow Motion  
Speed Motion  
Square Mode

## Bass

BasSolid  
Dark Side Bass  
Dirt Clav  
Distronic  
Harsh Square  
Nu Motor Bass  
Powering  
Spectro Bass  
Zapp Land

## Bells

Anabell  
Delicanalog Bell  
DK Bells  
Organic Bells  
Pizzi Bells  
Space Music Box  
Strange Bell  
Superbe LL  
Synth Balafon  
Xylosonic

## FX

Big Temple  
Crazy Take Off  
Drunk Robot  
EneR2D2  
FX Tchkok  
Tension

## Keys

Acoustic Like  
Basikeys  
Broken Piano  
Church Engine  
Clavinergy

Decarpsychord  
DK Roussel  
Dramatic Org  
Electric DK Piano  
Ham Organic  
Hybrid Harp  
Innocent Keys  
Road me Softy  
Speaker Road  
Suitcasing  
Vinyl Pluck  
Wurlynergy

## Leads

Art Monica  
Beauty Lead  
BP Solead  
Dubstep Lead  
Polead Brassy  
Short Seq Lead  
Skrillergy  
Square Me

## Misc

Brass 5th Wheel  
Cheap Orchestra  
Dream Pluck  
Hybrid Power Brass  
Kingston Vibes  
Orgestra  
Poly Dirty  
Poly Stepped  
Stack Fifth  
Stepped Stack  
Tangerine Brass  
Top Corn

## Pads

Acoustic Pad  
DK Fantasy  
Gospel Stack  
Ominous Syn  
Reflexions  
Simply Beauty  
Sweep Energy  
Thin Brass Pad  
Typical DK Pad



# ABOUT FMX1



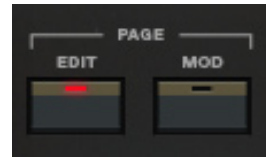
Back in 1985 Japanese super-synth designer Yamaha set out to fashion their biggest and baddest FM synth ever. And they succeeded. The DX1 was constructed in an extremely limited run of 100 units, utilizing only top-of-the-line components. The sound these machines made was unlike anything else, almost more organic than digital.

Our sound designers spent a great deal of time exploring all the sonic fields this machine could traverse, and have packed it with presets ranging from utility to the most creative textures and ambiances. Even more, the base waveforms of the unit were carefully captured allowing you to create your own patches from scratch.

In addition to an exhaustive sample set, FMX1 includes arpeggios, a step sequencer, LFOs and precision modeled FX to help sculpt your sounds to fit the mix perfectly; we even included a true FM synthesis module to further FMize your presets!

All of this packed with a wealth of features exclusive to the UVI Engine.

Pure FM sounds, slamming bass tones and rich atmospheres awai, UVI FMX1 puts the legacy of a fantastic Eighties super-synth squarely within reach.



THE TWO FMX1 PAGES

## 1. EDIT PAGE



Sound generation and effect controls

## 2. MODULATION PAGE



LFO, Step Sequencer and modulation routings



FMX1 is also available as a single instrument.

# FMX1 USER INTERFACE

After loading a preset into the UVI Workstation or MachFive 3, you'll find the following graphic interface for each of the FMX1 presets. The included features allow for quick and intuitive sound sculpting.

## 1. EDIT Page



### ARP ON/OFF

Some FMX-1 presets use an internal arpeggiator that you can deactivate thanks to this button. Don't forget that you can use the internal ultra complete UVI Workstation arpeggiators in any preset !

### FMIZER

FMX1 combine deep sampling and a smart true FM oscillator : FMizer.



- FMIZER To adjust the amount of «harmonicity»
- LEVEL To adjust the level of the FMizer
- PITCH To transpose the FMizer by semi-tone
- VEL Adjust velocity sensitivity to FMizer

### Note:

FMizer oscillator is also connected to the Filter Env and the Modwheel in a musical way. Just play with it !

### EG AMPLITUDE

- A / D / S / R Volume envelope
- VEL SENSE Adjust velocity sensitivity

### EG FILTER

- A / D / S / R Filter envelope
- VEL SENSE Adjust velocity sensitivity

### FILTER

- HP / BP / HP Filter modes
- ENV DEPTH Depth of the ADSR applied to the filter
- CUT OFF Set cut-off frequency
- RES Adjust resonance (Q) of the filter

### PITCH

- MODE Switch from Poly to Mono mode
- DEPTH Set the depth of the portamento in Poly mode
- TIME Set the glide time of both mode

### STEREO

- OFF Standard playing mode using mono samples
- ALT This emulates the multiple output from old samplers  
Each voice is panned sequentially from left to right (SPREAD parameter sets the depth of the stereo)
- UNI Using sound layering manipulation, this feature allows a dramatic extension of the stereo image  
To be combined with COLOR and SPREAD settings  
Playing neighboring samples, this parameter shifts the color of the sound in a unique way
- COLOR Works in ALT and UNI mode, setting the stereo spread
- SPREAD : Works only in UNI mode, detuning both layers
- TUNE :

### > MODWHEEL

This section allows you to choose what will be assigned to the modwheel.

- VIBRATO On/Off
- VBRT Speed of the vibrato (free)
- TREMOLO On/Off
- TRML Speed of the tremolo (tempo dependent)
- FILTER On/Off
- FLTR Depth setting from the low pass filter cut off frequency

### > EFFECTS

- DRIVE On/Off
- DRVE Adjust Drive amount.
- CRUSHER On/Off
- CRSH Adjust Crusher amount.
- PHASER On/Off
- PHSR To adjust the Dry/Wet weighting
- DELAY On/Off
- DLY To adjust the Dry/Wet weighting
- REVERB On/Off
- RVRB To adjust the Dry/Wet weighting

# FMX1 USER INTERFACE

## 2. MOD Page

FMX-1 features a complete LFO and an intuitive Step Sequencer modulator that can be connected to pitch, volume, drive and filter.



### STEP SEQUENCER PARAMETERS

- STEP Number of steps
- DELAY Time to activate step
- RISE Time to activate with a smooth transition
- SMOOTH Smoothing the level value
- RESOLUTION Speed resolution of the step

#### Note :

The 'Smooth' parameter interpolates values between steps, allowing you to use the Step Sequencer as a custom LFO.

### STEP MOD ROUTING

- Knob Set the level of the step modulator to volume and filter.

### STEP EDIT

Simply draw your steps with the mouse.

A step with a value of «0» is like having no step.

### LFO PARAMETERS

- SYNC Enable/Disable Sync LFO to Host Tempo
- SPEED Speed of the LFO
- EG Depth Set the depth of the envelope assigned to LFO speed
- Attack Time Set Attack time the LFO speed's envelope
- Decay Time Set Decay time the LFO speed's envelope
- LFO Type Select Waveform of the LFO : Sine, Square, Triangle or Sample & Hold (random)

### LFO DESTINATION

LFO can be connected independently on both layers for pitch, volume, drive and filter.

- Knob Set the level of the LFO per destination

## Load FMX1 Presets into UVI Workstation

In Multi mode, double-click on a part name or, in Single mode, double-click on the preset name ( you can also press the «eye» symbol on the UI), and you will see the browser below when selecting an FMX-1 Preset.



## Save/Load Your Own FMX1 Preset

In UVI Workstation you can save your own settings with the 'Save Mutli' option available in Multi-mode.

In MOTU MachFive 3 single preset saving is available.

If you're working within a DAW, all settings will be saved with your project file automatically.

# FMX1 PRESETS LIST

## Arpeggios

A Muse Eye  
Chord Actuator  
Chord Last Word  
Chord Power G  
Chord Proximity Array  
Ethno Synth  
FM Game  
Inter Nate Arp  
Linear Processes  
Magical Toys  
Metal Zag  
Mysterious Mallet  
Plastecine Vein  
Pure FM Arp  
The Crush  
Two Balaphonic  
World Is Wheel

## Bass

Bassploitation Wheel  
Classic DX Bass  
FM Sub  
FMized Bass  
Funky Bossy  
Harsh Bass  
Hybrid F Crunch  
Imagibassion  
Jaco Fretless  
Round Bass  
X-Funky Trash

## Bells

Bellet  
ChristFMas  
Flexi Bell  
Glassolo  
Glocken Dream  
Heaven Gosp  
Little Bell  
Multi Bells  
Music Crusher Box  
Music Vox  
New Wave Tube  
Organic FM Bells  
Tubulars

## Fretted

Classic FM Fret  
Digital Guitar  
Edgital Guitar  
FM Strat Soft  
GuitaBrass  
Hybrid Fretted  
Nylon Stage  
Plastic Harp  
Square Harp  
Stringed BX

## FX

Amber Consequence  
Burning Up  
Electromagnetic Drone  
Lazer Cave  
LynXience  
Off The Wall  
SFX Scream  
Shoot In Space  
Space F Two  
Thunder Pad  
UFmO  
VCS Madness  
WOPR Jam  
Xcape from Hell

## Keys

Clavinet A  
DX1 Clavinet Full  
DX1 Full Tines  
Electric Organ  
Electric Piano 1  
Electric Piano 2  
EP Metal Bell  
FunkHybrid  
Gospel FM  
Hybrid Tines  
Medium Tines  
Mellow Electric  
Multi Keys  
Old Upright  
Pipe Organ Bright  
Pipe Organ Dark  
Reggae FM  
Rockin Organ  
Supertramp  
Tines Dark  
Toy Piano

Wurl Tines  
Xborgan Bubbles  
Zombi Dancer EP

## Lead

80s Brass Lead  
Hybrid CS80 Solo  
Liquid Mosquitos  
Mono LFO  
Organizer FM  
Pure FM Solo  
So Sexy Brassy  
Solomono  
Sweepy Leader  
Truncated Transmission  
Uneven Surfaces  
Z Bastion Lead

## Mallet

Acoustic Mallet  
DX1 Vibes  
Ethnic Flavour  
FMarimba  
Noisy Blocks  
Syn Mallet Vox  
Tubuvibes  
Tune Percs  
Vibe Vibes

## Misc.:

Almost Seventies  
Brasspsichord  
Digital X  
Dream Poly Short  
Dstep Power Syn  
FM Typical Synth  
Keys Rockin  
Pop Corn Wheel BPF  
Powanaloger  
Raw Short Synth  
Scritti Chyme  
Sonic One O One  
Space Edit  
THE Gomono

## Orchestral

Analog Strings  
Bright Strings  
Dirty Brass

DX1 Pure Brass  
FM Section  
FrenchM Horns  
Harpichord  
High FM Strings  
Horn Section 2 way  
Iconic Brass  
Majestic CS80 Brass  
Mid Strings B  
Motional Strings  
Noisy Brass  
Plastic Brass  
Pure FM Brass  
Subtle 5th Brass  
Syn Brass  
That 80s Brass  
Wha Wheel Brass

## Pads

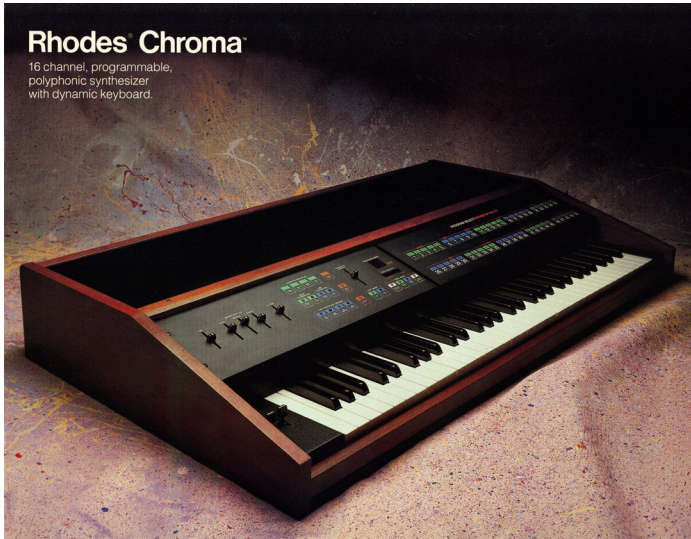
Bad Ass Pad  
Blue Big Bang  
Dream Pad  
Fifth Dimension  
FM Analog Synth  
FoMinous  
Grand Opening  
Hemispherical Gates  
Hybrid Pad  
Interference  
Mohair Pad  
Natiproton Decelerator  
Ominous Section  
Pictures  
Portatmosphere  
ProFet Marvel  
Quasi Gomo  
Saint El DX1  
Slow Attack  
Solar Fields  
Sun Rise  
Sweep Saxtone  
Turning Dust to Vipers  
Vox Purity

## Xtra 40P

Analog Bass  
BellissimaX  
Celeste  
Clavi Four  
Dyno My FM  
Eighty One Bells  
EML Impression  
Ethno Choo  
Fat Analog Bass  
FM CPiano  
FM4 Piano  
Full OrPgan  
Fuzz Mania  
Gost Sine  
Hand Drums  
Heavy Bass  
Lead Synthox  
Metal Pad  
Nitro Bells  
Noisy Beauty  
Pad Chemist  
Perc Organ  
Pianotic  
Space Cathedral  
Sweep Fiesta  
Synth Aero  
That Clavinet  
Ultra Cheap Organ  
V Church  
Wave 2 Lead  
Wave 4 Lead  
Wave 5 Bass  
X4 Analogic  
Z Voices



# ABOUT KROMA



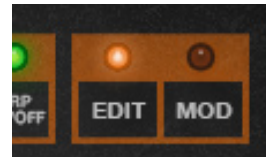
The Rhodes Chroma is a unique specimen, easily identified by its vibrant looks and sound. One of the first microprocessor-based analog synths, Chroma was the last keyboard designed by ARP, a pioneering synthesizer house of the 70's, before Rhodes later began selling it in early eighties. The sound of Chroma is very, very good—rich and immediate.

UVI Kroma comes loaded with dozens of presets programmed on a fully restored unit including Arpeggios, Bass, Bells, Brass, FX, Leads, Pads, Strings, Sweeps. Even the basic waveforms of the unit were sampled to allow design of new patches. Take complete control of this veritable classic with a built in arpeggiator, step sequencer, LFOs and precision modeled FX.

From elegant and brassy to analog atmosphere and everywhere in-between, UVI Kroma brings back a forgotten classic with an arsenal of sound sculpting tools exclusive to the UVI Engine.

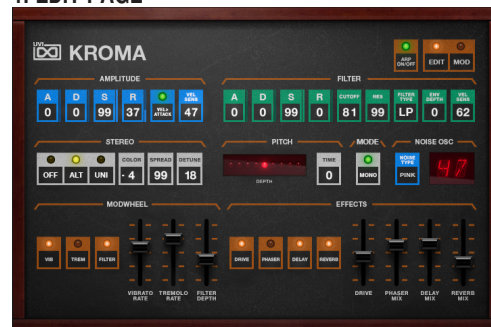


Kroma is also available as a single instrument.



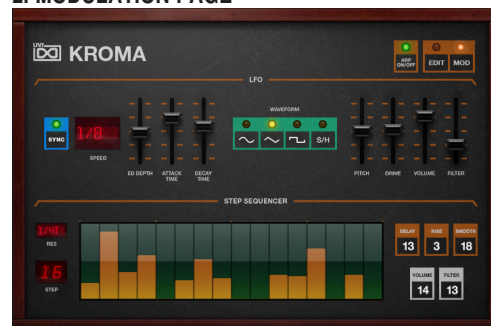
THE TWO KROMA PAGES

## 1. EDIT PAGE



Sound generation and effect controls

## 2. MODULATION PAGE



LFO, Step Sequencer and modulation routings

# KROMA USER INTERFACE

After loading a preset into the UVI Workstation or MachFive 3, you'll find the following graphic interface for each of the Kroma presets. The included features allow for quick and intuitive sound sculpting.

## 1. EDIT Page



### ARP ON/OFF

Some Kroma presets use an internal arpeggiator that you can deactivate thanks to this button. Don't forget that you can use the full-featured UVI Workstation arpeggiators in any preset !

### AMPLITUDE

- A / D / S / R Volume envelope
- VEL SENSE Adjust velocity sensitivity
- VEL > ATK Convert low velocities to long attacks and high velocities to short attacks

**Note:** the longest attack will be set by the «A» parameter.

### FILTER

- HP / BP / HP Filter mode
- CUT OFF Set cut-off frequency
- RES Adjust resonance (Q) of the filter
- ENV DEPTH Depth of the ADSR applied to the filter
- A / D / S / R Filter envelope
- VEL SENSE Adjust velocity sensitivity

### PITCH

- DEPTH Set the depth of the portamento in Poly mode.
- TIME Set the glide time of both mode
- MODE Switch from Poly to Mono mode

### NOISE OSC

- Noise Type Select Pink or White noise
- Noise Osc Screen Adjust Noise volume

## STEREO

- OFF Standard playing mode using mono samples
- ALT This emulates the multiple output from old samplers  
Each voice is panned sequentially from left to right (SPREAD parameter sets the depth of the stereo)
- UNI Using sound layering manipulation, this feature allows a dramatic extension of the stereo image  
To be combined with COLOR and SPREAD settings
- COLOR Playing neighboring samples, this parameter shifts the color of the sound in a unique way
- SPREAD Works in ALT and UNI mode, setting the stereo spread.
- TUNE Works only in UNI mode, detuning both layers

## > MODWHEEL

This section allows you to choose what will be assigned to the modwheel.

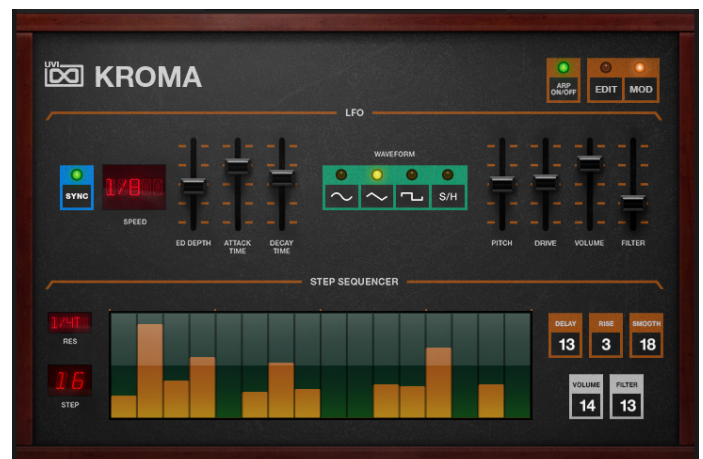
- VIBRATO On/Off
- RATE Speed of the vibrato (free)
- TREMOLO On/Off
- RATE Speed of the tremolo (tempo dependent)
- FILTER On/Off
- DEPTH Depth setting from the low pass filter cut off frequency

## > EFFECTS

- DRIVE On/Off
- DRIVE Adjust Drive amount.
- PHASER
- MIX To adjust the Dry/Wet weighting
- DELAY On/Off
- MIX To adjust the Dry/Wet weighting
- REVERB On/Off
- MIX To adjust the Dry/Wet weighting

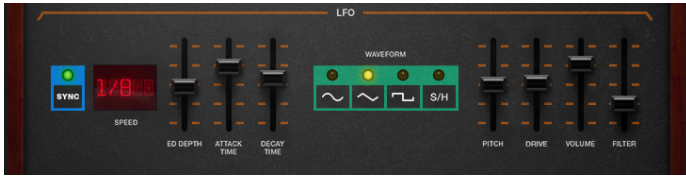
## 2. MOD Page

Kroma features a complete LFO and an intuitive Step Sequencer modulator that can be connected to pitch, volume, drive and filter.



# KROMA USER INTERFACE

## LFO



### LFO PARAMETERS

- **SYNC** Enable/Disable Sync LFO to Host Tempo
- **SPEED** Speed of the LFO
- **EG Depth** Set the depth of the envelope assigned to LFO speed
- **Attack Time** Set Attack time the LFO speed's envelope
- **Decay Time** Set Decay time the LFO speed's envelope
- **LFO Type** Select Waveform of the LFO : Sine, Square, Triangle or Sample & Hold (random)

### LFO DESTINATION

LFO can be connected independently on both layers for pitch, volume, drive and filter.

- **Knob** Set the level of the LFO per destination

## Step Sequencer



### STEP MODULATOR PARAMETERS

- **RES** Speed resolution of the step
- **STEP** Number of steps
- **DELAY** Time to activate step
- **RISE** Time to activate with a smooth transition
- **SMOOTH** Smoothing the level value

#### Note :

The 'Smooth' parameter interpolates values between steps, allowing you to use the Step Sequencer as a custom LFO

### STEP DESTINATION

- **Knob** Set the level of the step modulator to volume and filter.

### STEP EDIT

Simply draw your steps with the mouse.

A step with a value of «0» is like having no step.

## Load Kroma Presets into UVI Workstation

In Multi mode, double-click on a part name or, in Single mode, double-click on the preset name ( you can also press the «eye» symbol on the UI), and you will see the browser below when selecting an Energy Preset.



## Save/Load Your Own Kroma Preset

In UVI Workstation you can save your own settings with the 'Save Mutli' option available in Multi-mode.

In MOTU MachFive 3 single preset saving is available.

If you're working within a DAW, all settings will be saved with your project file automatically.

# KROMA PRESETS LIST

## Arpeggios

Bronski Bass  
Chord Wheel Me  
FX Sequence  
Instant Reggae  
Jacky Nalog  
Korda Chrome  
Kromarpeggio 1  
Saw Sage  
Sequence Man  
Technauto  
Trashpegiator

## Bass

Bassmati  
Crytpon B  
Daft Funky  
Jam on It  
Lazer Harp Wheel  
Lead Bass  
Mr Basso  
Obassma  
Squaring  
Standard

## Bells

Bell My Doo  
Christmas Bells  
Cristanalog Clear  
Harp Bell  
Jingle Bell  
Metabellic  
Noisy Bell  
Soft Palace  
Wendy Dark Tube  
Wonder Bell

## Brassy

Brassizer  
Chroma Poly Brass  
Cool Brass  
Crawling  
Hybrid Trumpets  
LyncHorn  
Majestic Horns  
Mayhem of Brass  
Mercury Brass  
Stabnalogic  
Toto Feel

Vangelo  
Warm Soft Brass

## FX

Beast Who Fly  
KromaX FX Menu 1  
KromaX FX Menu 2  
Mini THX  
Plan Nine  
Snakes Talking  
Stress Lodge

## Keyboards

AKromardion  
Analog Toy Piano  
Baby Organ  
Caroussel Organ  
Clavinex  
Electric Piano  
FunKroma Clav  
Harpsynalog  
Jazzy KrOrgan  
Soft Church  
Space Piano  
Sweepiano  
Synth Clavecin  
Synth Harp  
Too Filtered Piano  
Very Soft Keys  
Wursynthzer

## Leads

Chromatic Solo  
Fifth Solo  
Funky Man  
Guitar Sync  
HP Wave  
Nasty Lead  
Noisy Brassy Lead  
Scarlead  
Scream Solo  
Slowlo Synth  
Solid Saw Lead  
Tube Solo

## Pads

Analog Beauty  
Analog Choir 1  
Arctic Pad

Brass me Tender  
Changosphere  
Chrominous Pad  
Dreamy One  
Evolupad  
Ionized  
Padamento  
Philadelphia  
Pure Pad  
Roady Pad  
Silencio  
Superbe  
Tiny Voice

## Polysynth

Cindy Soft  
Eighties Stab  
EmoPolytional  
Hybrid Poly  
Massive Polysynth  
Organopolis  
Poly Culture  
Polysound  
PortaGrainto  
Prophet Fifth  
Radom Filter  
Short Stab  
Wheel Me

## Strings

Analog Orchestra  
BrasStrings  
Eminent Like  
Equinox  
HP Strings  
Imaginary Stacc  
Just Soline

## Sweeps

Fest du Sweep  
Fifth Floor  
Galactica  
Inverted  
Multi Sweep  
Road Sweep  
Sweeper  
Windy Carlos

## Waves

Saw PWM 00  
Saw PWM 03  
Saw PWM 05  
Saw PWM 08  
Saw PWM 10  
Square PWM 01  
Square PWM 03  
Square PWM 05  
Square PWM 08  
Square PWM 10



# ABOUT SYNTHOX



Considered by some to be the best analog synthesizer ever designed, the Synthex comes to us from the Italian manufacturer Elka. The Synthex was made famous by Jean Michel Jarre on his 'Rendez vous' EP which features a ripping Lazer Harp sound. Due to the oscillator design and lush filters this synth packs a distinctly thick and raw sound. The Synthex has become increasingly rare with time and finding

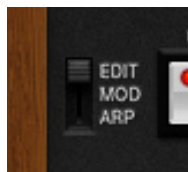
working units can be a tedious and expensive task; UVI Synthox brings you the best of this instrument in the form of a convenient and extraordinary sounding soft synth.

UVI Synthox features a dual-layer architecture and instant preset/layer switching making it an extraordinarily responsive and capable instrument. Layers include all possible base waveforms and noises from the hardware as well as expertly programmed presets. We've gone to great lengths to ensure the authentic sound and natural texture of these machines was preserved and translated clearly in our instruments. We sampled everything, including the raw waveforms with different configurations of the Chorus section.

Take this classic to the next level with the UVI Engine; Synthex comes packed with a wealth of features to enrich and further customize your sounds, including double arpeggios, a step sequencer, LFOs and precision modeled FX—allowing you to explore territory the old hardware couldn't dream of.



From thick and sizzling textures to funky analog tones and everywhere in-between, UVI Synthox has a distinct and addictive sound.



## THE THREE SYNTHOX PAGES

### 1. EDIT PAGE



Sound generation and effect controls for Layers A and B

### 2. MODULATION PAGE

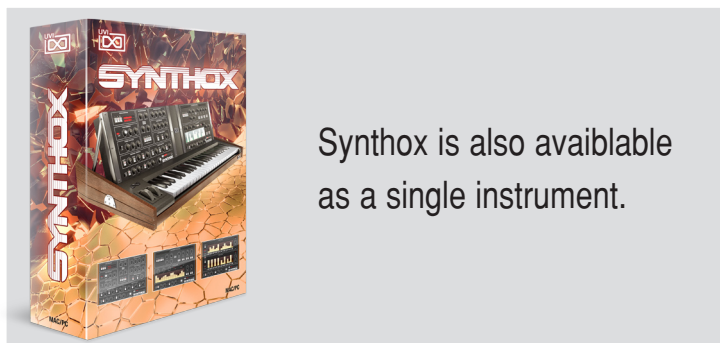


LFO, Step Sequencer and modulation routings

### 3. ARPEGGIATOR PAGE



Dual arpeggiators



Synthox is also available as a single instrument.

# SYNTHOX USER INTERFACE

Synthox loads sounds and waveforms in two layers (A and B), you can edit each with all available controls. Synthox includes 128 presets which can be accessed instantly from any page.

## MAIN section



- EDIT/MOD/ARP Switch from EDIT page to MOD page to ARP page
- MUTE A/B Mute Layer A or B
- VOLUME/PAN Control volume and pan for layer A or B
- OCTAVE Octave transpose of the current layer
- MASTER Global volume control
- PRESET Select one of the global presets by using the arrows or the conventional preset list

## VOICE CONTROLS / EDIT



You can choose to edit only the layer A, only the layer B, or both layers at the same time.

- 1st selection line

This slot allows you to select one of the category below: Keys, Organ-Flute, Polysynth, Seq-Lead, Waves Noise, Waves Osc, Waves Osc Chorus A & Waves Osc Chorus B.

- 2nd selection line

This slot allows you to change the sound from selected category.

## 1. EDIT Page



## AMPLITUDE

- A / D / S / R
- NO VEL
- VEL > ATK

Volume envelope

When on, all sounds will be played at maximum volume. Convert low velocities to long attacks and high velocities to short attacks

## FILTER



- TYPE Select from LPF, BPF, HPF and no filter
- CUT OFF / RES Low pass filter, cut off and resonance
- EG DEPTH Depth of the ADSR applied to the filter
- VELOCITY Second LPF filter mapped to velocity
- A / D / S / R Filter envelope

## STEREO



- OFF Standard playing mode using mono samples
- ALT This emulates the multiple output from old samplers. Each voice is panned sequentially from left to right (SPREAD parameter sets the depth of the stereo)
- UNI Using sound layering manipulation, this feature allows a dramatic extension of the stereo image. To be combined with COLOR and SPREAD settings. Playing neighboring samples, this parameter shifts the color of the sound in a unique way.
- COLOR Works in ALT and UNI mode, setting the stereo spread.
- SPREAD Works only in UNI mode, detuning both layers
- TUNE

## PITCH



- TUNE Tune the selected layer in semitones/cents  
**Note:** you can double click on the knob to enter the desired value.
- DEPTH Set the depth of the portamento
- TIME Set the glide time
- MODE Switch from Poly to Mono mode

# SYNTHOX USER INTERFACE

## MODWHEEL CONTROLS



This section allows you to choose what will be assigned to the modwheel.

- VIBRATO On/Off
- RATE Speed of the vibrato (free)
- TREMOLO On/Off
- RATE Speed of the tremolo (tempo dependent)
- FILTER On/Off
- DEPTH Depth setting from the low pass filter cut off frequency

## EFFECTS



- PHASER On/Off
- MIX To adjust the Dry/Wet weighting
- DELAY On/Off
- MIX To adjust the Dry/Wet weighting
- REVERB On/Off
- MIX To adjust the Dry/Wet weighting

### Note:

You can add as many FX as you want in the UVI Workstation, and you can even edit the sounds deeper within MOTU MachFive 3.1.

## 2. MOD Page

Synthox includes a freely controllable LFO and Step Sequence modulators which can be routed independently to both layers

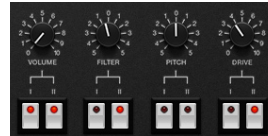


## LFO PARAMETERS

- SYNC Enable/Disable Sync LFO to Host Tempo
- SPEED Speed of the LFO
- EG Depth Set the depth of the envelope assigned to LFO speed

- Attack Time Set Attack time the LFO speed's envelope
- Decay Time Set Decay time the LFO speed's envelope
- LFO Type Select Waveform of the LFO : Sine, Square, Triangle or Sample & Hold (random)

## LFO DESTINATION



The LFO can be routed independently to either layers pitch, volume, drive or filter.

- Knob Set the level of the
- Button A/B Set the destination of the LFO

## STEP MODULATOR PARAMETERS

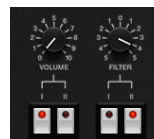


- RES Speed resolution of the step
- STEP Number of steps
- DELAY Time to activate step
- RISE Time to activate with a smooth transition
- SMOOTH Smoothing the level value

### Note:

The 'Smooth' parameter interpolates values between steps, allowing you to use the Step Sequencer as a custom LFO.

## STEP DESTINATION



- Knob Set the level of the step modulator
- Button A/B Set the destination of the step modulator

## STEP EDIT

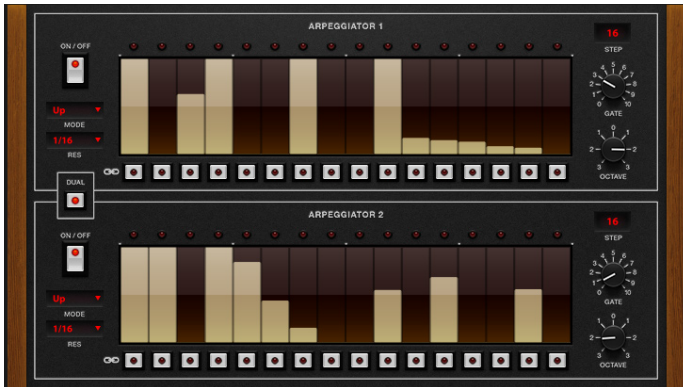


Simply draw your steps with the mouse.  
A step with a value of «0» is like having no step.

# SYNTHOX USER INTERFACE

## 3. ARP Page

Synthox includes two arpeggiators which can be routed to each layer independently (DUAL MODE), or the first to both layers (MONO MODE). Arpeggiators are always synced to the UVI Workstation or MachFive 3 master tempo.



### MODE



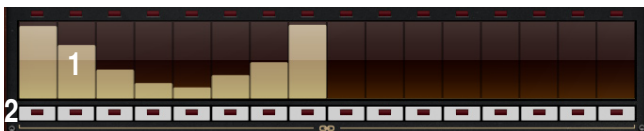
- DUAL ON ARP 1 is connected to Layer A and Layer B
- DUAL OFF ARP 1 is connected to Layer 1 and ARP 2 to Layer B

### ARP PARAMETERS



- ARP MODE Select up, down or up & down
- RES Select the speed of the Arpeggiator
- OCTAVE Extend the range of the Arpeggiator from + 3 to - 3 octaves
- GATE Adjust the note length
- STEP Select the number of steps played

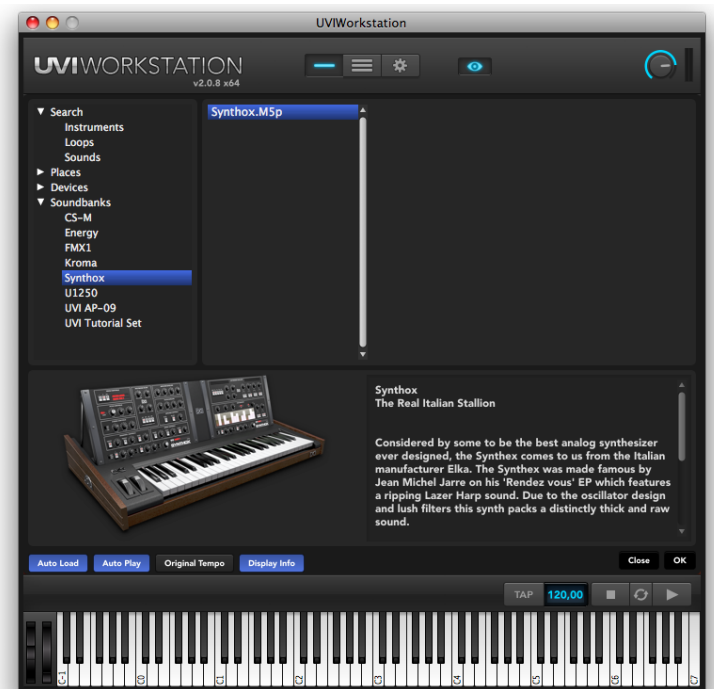
### ARP STEP EDITOR



- 1 - COLUMN Adjust the velocity of a step
- 2 - LINK Link a step to the previous one

## Load Synthox into UVI Workstation

In Multi mode, double-click on a part name or, in Single mode, double-click on the preset name ( you can also press the «eye» symbol on the UI), and you will see the browser below when selecting Synthox.



The 'Synthox.M5p' contains all data and presets for the instrument; this allows for instant preset changes.



## Save/Load Your Own Synthox Preset

In UVI Workstation you can save your own settings with the 'Save Mutli' option available in Multi-mode.

In MOTU MachFive 3 single preset saving is available.

If you're working within a DAW, all settings will be saved with your project file automatically.

# SYNTHOX PRESETS & LAYER LIST

Layer content



## Arpeggios

AR-Analog Heart  
AR-Back in Time  
AR-JMJ Double Arp  
AR-Pop Cornox  
AR-Rythm and Arp  
AR-Space Caroussel  
AR-Synthoxerone  
AR-Universe Sound  
AR-Wonderland  
AR-Z Plane Airlines  
AR-Zamundsens Axel

## Bells

BL-BellKa  
BL-Brush Bells  
BL-Happy New Year  
BL-Little Porta  
BL-Paper Bell

## Brassy

BR-B11 Wah brass  
BR-B17 Brass I  
BR-B18 Brass II  
BR-B19 Brass III  
BR-Brasspeggios  
BR-Grace Brass  
BR-Velvet Aurora

## Bass

BS-Funky Sub  
BS-Kev Bassic  
BS-One Finger Analog  
BS-Ring Modus  
BS-Skream Lexx  
BS-Synthoxico  
BS-TB Inspiration  
BS-Ultra Funk  
BS-Weird One  
BS-Wheel Control  
BS-Wheellex  
BS-Whistle Sub  
BS-ZanziBass

## Play Chords

CH-Chain Lightning  
CH-Circuit Jumper  
CH-Determination  
CH-Jack Sail Air  
CH-Lunar Scarab  
CH-Omni Step

CH-Union Jacking  
CH-Use your Wheel  
CH-Variator  
CH-Vulcan Trampoline

## FXs

FX-Framheim Wind  
FX-Park Six More  
FX-Terra Novox  
FX-The Bomb

## Keyboards

KB-B15 Tremolo piano  
KB-B23 Church organ  
KB-B24 Reed organ  
KB-B25 Electric organ  
KB-B30 Metallic piano  
KB-B31 Pianet  
KB-B32 Funky Clav  
KB-B33 Clavichord I  
KB-B34 Clavichord II  
KB-B35 Clavinet  
KB-B36 Electric Piano I  
KB-B37 Electric Piano 2  
KB-B38 Chimes  
KB-B39 Vibes  
KB-Dream Hes Beck  
KB-Dulce Organ  
KB-Keys and Sweep  
KB-Organisation  
KB-PhonKB  
KB-PianoOSc  
KB-Road Cruiser

## Leads

LD-B12 Fat Sound  
LD-B13 Metallic  
LD-B14 Pan flutes  
LD-B41 Sweep 2  
LD-B43 Landing  
LD-B46 Ring mod  
LD-B49 Whistle  
LD-Chorusolo  
LD-Dstep Polead  
LD-Pure Sawtooth  
LD-The Court Jet  
LD-Therem Whistle  
LD-Ultra Solo  
LD-Water Drop Lead

## Pads

PD-Air Dream Keys  
PD-AL Jarre High  
PD-B16 Chorale  
PD-B26 High pass swp  
PD-BarbapaPad  
PD-Deep Orbit  
PD-Evolugate Wonder  
PD-Glacier Veins  
PD-Glycosidic Bond  
PD-Lost Music Box  
PD-Porta Sweep  
on Wheel  
PD-Robotic Love  
PD-Smooth One  
PD-StePad Plaza  
PD-Sweet Place  
PD-Teal Voices  
PD-Tender Threads  
PD-Zen and Beauty

## Polysynth

PL-B10 Chunky synth  
PL-B40 Sweep 1  
PL-B44 Wash of sound  
PL-B45 Fast decay  
PL-B46 Ring mod Harp  
PL-B47 Phased sweep  
PL-B48 Bass pluck  
PL-Complextro Figures  
PL-Grain Poly  
PL-Onyx Wheel Me  
PL-Trance Evolwheel  
PL-Tri Repeater

## Strings

ST-B20 Double basses  
ST-B21 Cellos  
ST-B22 Violins  
ST-B28 Filtered chorus  
ST-B29 Filtered strings  
ST-Dual Layer Strings  
ST-Space O Tron

## Sweeps

SW-B42 Take-off  
SW-Moelleux  
SW-Quality Sweep  
SW-Sun Glasses  
SW-Ultra Sweep

## Keys

Clavichord1  
Clavichord2  
Clavinet  
EPiano1  
EPiano2  
FunkyClav  
MetallicPiano  
Pianet  
TremoloPiano  
Vibes

## Organ-Flute

Chimes  
ChurchOrgan  
ElectronicOrgan  
PanFlutes  
ReedOrgan  
Whistle

## Pad-Chorused

Cellos  
Chorale  
DoubleBass  
FilteredChorus  
FilteredStrings  
HiPassSweep  
PhasedSweep  
Violins

## Polysynth

BassPluck1  
Brass1  
Brass2  
Brass3  
ChunkySynth  
FilteredBrass  
TakeOff 1  
TakeOff 2  
WahBrass  
WashOfSound

## Seq-Lead

BassPluck2  
FastDecay  
FatSound  
Landing  
Metallic  
RingMod1  
RingMod2  
Sweep1  
Sweep2

## Waves Noise

PinkNoise  
WhiteNoise

## Waves Osc

PWM-2  
PWM-4  
PWM+2  
PWM+4  
Sawtooth  
Square  
Triangle

## Wvs Osc Chorus A

CH1-PWM-2  
CH1-PWM-4  
CH1-PWM+2  
CH1-PWM+4  
CH1-Saw  
CH1-Square  
CH1-Triangle

## Wvs Osc Chorus A

PWM-2  
PWM-4  
PWM+2  
PWM+4  
Saw  
Square  
Tri

## Note:

All the BXX named presets are inspired from the original factory presets supplied with the beast.

# ABOUT U1250



The first keyboard to deliver sampled waveforms via oscillator, the K250 was a joint effort carried out with legendary musician Stevie Wonder, the founder of ARP—Alan Pearlman, and prolific synthesizer artisan Bob Moog among others. Able to produce brilliant acoustic sounds without the use of disk drives, the K250 was the world's first ROMpler and boasted an impressive 24 voices of polyphony. A beastly 88 weighted-keyboard instrument, the K250 was designed with performance in mind and later joined by the K1000—a 76-key version which came with additional sounds but was relatively difficult to program due to restrictive front-panel controls.

In making the U1250 we decided to tackle both the K250 and the K1000 serie, programming a wide range of sounds including Acoustic and Electric Pianos, Bells, Mallets, Drums, Percussion, Guitar, Bass, Pads, Wind, Brass and other Orchestral instruments, many of the patches evoking classic Eighties nostalgia. These sounds were then tediously multi-sample to produce the rich library of the U1250.

These classic sounds from the late 80's and early 90's are given new life and playability with the UVI Engine. We've included a number of controls that offer easy customization and enhanced sculpting not available in hardware.

These features combined offer a deep and unparalleled experience.

## U1250 User Interface



U1250 is also available as a single instrument



# U1250 USER INTERFACE

After loading a preset from U1250 into the UVI Workstation 2 or MachFive 3, you'll find the following graphic interface.

The included features allow to tweak the sounds quickly and intuitively.



## > AMPLITUDE

- A / D / S / R Typical volume envelope
- VEL SENSE Adjust velocity sensitivity
- VEL > ATK Convert low velocities to long attacks and high velocities to short attacks

**Note:** the longest attack will be set by the «A» parameter.

## > FILTER

- HP / BP / LP Filter mode
- ENV DEPTH Depth of the ADSR applied to the filter
- CUT OFF Set cut-off frequency
- RES Adjust resonance (Q) of the filter

## > FILTER ENV

- A / D / S / R Typical filter envelope
- VEL SENSE Adjust velocity sensitivity

## > STEREO

- OFF Standard playing mode using mono samples
- ALT This emulates the multiple output from old samplers. Each voice is panned sequentially from left to right (SPREAD parameter sets the depth of the stereo)
- UNI Using sound layering manipulation, this feature allows a dramatic extension of the stereo image. To be combined with COLOR and SPREAD settings
- COLOR Playing neighbouring samples, this parameter shifts the color of the sound in a unique way
- SPREAD Works in ALT and UNI mode, setting the stereo spread
- TUNE Works only in UNI mode, detuning both layers

## > PITCH ENV

This section allows you to simulate a portamento like effect.

- DEPTH To adjust the depth of the Pitch envelope
- TIME To set the timing of the Pitch envelope

## > DRIVE

- On/Off To bypass or activate the Drive effect
- AMOUNT Adjust Drive amount

## > MODWHEEL

This section allows you to choose what will be assigned to the modwheel.

- VIBRATO On/Off
- RATE Speed of the vibrato (free)
- TREMOLO On/Off
- RATE Speed of the tremolo (tempo dependent)
- FILTER On/Off
- DEPTH Depth setting from the low pass filter cut off frequency

## > EFFECTS

- PHASER On/Off
- MIX To adjust the Dry/Wet weighting
- DELAY On/Off
- MIX To adjust the Dry/Wet weighting
- REVERB On/Off
- MIX To adjust the Dry/Wet weighting

## ABOUT SPARKVERB™

The reverberation included in U1250 is the new UVI SparkVerb™, a highly advanced synthetic reverb that focuses on sound quality and musicality.

By using U1250 within MachFive 3 and UVI Workstation 2 you'll be able to edit all the SparkVerb™ parameters.

## > BIT CRUSHER

This section affects the loaded U-1250 preset globally.

- POWER On/Off
- BIT from 0 to 24 bit
- FREQUENCY from 0 to 48 000 Hz
- DRIVE add drive to the output

# U1250 PRESETS LIST

## Acoustic & Electric Pianos

Classic Electric  
Classic EP Phased  
Concert Piano  
Dyno Tines  
Electric Dream  
HarPiano Ballad  
Honky Tonk  
Hybrid Tines  
K Tines Full  
K Tines Hard  
K Tines Mellow  
K Tines Soft  
Large Piano  
Liquid EPiano  
New Age Grand 1  
New Age Grand 2  
Piano and Strings  
Power Grand  
Rock 250 Piano  
Synth Cheap Piano  
Two Fifty Grand  
WurlEPiano`

## Bell & Mallet

Caribbean Steel Drums  
Chill Out Marimbas  
Columbells  
Delay Bells  
Dirty One  
Dream Bell  
Jezza Bell  
K-alimba  
Kristmas Bells  
Marimbell  
Metal Chimes  
Road Bells 1  
Road Bells 2  
So Pure  
Suspense Chord  
Vibes  
Voices and Bells  
Zigomatic Mallet

## Drums-Percs

Big Rock Drums  
Collins Gated Kit  
Factory Metal  
Granular Impact

Jedi Atam Air  
Metal C Works  
Mix Drum Perc Kit  
Orchesral Timpani  
Standard Kit  
Tribal Mood

## Guitar-Bass

Acoustic Guitar Simple  
Acoustic Guitar Stereo  
Aqua Bass  
Crunch Mutes  
Dist Lead Guitar  
Electric Bass  
Huge Stack Guitar  
Hybrid Synth Guitar  
Jazz Acoustic Bass  
K12 Strings Guitar  
Obassession  
Obese Guitar Wall  
Slapped Bass  
Y Bass Guitar

## Keyboards

Alien Keys  
Barbarie Flute  
Chinese Keys  
Claroussel  
DulciMother  
Electric Church  
Electric Organ A  
Electric Organ B  
Full DrawBar Leslie  
Full DrawBar Stop  
Harpsichord  
Jaguar Organ  
Jazz Organ  
Klavinetology  
Sine Keys  
Smart Polysynth  
Smoothy Organ  
Street Organ  
Ultra Klav

## Orchestra

Action Strings  
Dimension Orchestra  
Emotional Strings  
Fast Strings Ensemble  
Flarimbas

Glass Strings  
Classic Choirs  
Harp Classical  
Harp Glissando  
Harp GlissandUp  
Harp New Age  
Hybrid Harp  
Large Strings Ensemble  
Little Orchestra  
Mallet Orchestra  
New K Choir 1  
New K Choir 2  
Old K Choir 1  
Old K Choir 2  
Pianovoxchestack  
PizzOrchestal  
Soft Strings Orchestra  
The K Brass  
Tristesse Strings

## Pads

Bowed PiADno  
Cloud Voices  
Ess K Pad  
Fat Analog Pad  
Filter Wheel  
Flutty Pad  
Ghostmosphere  
Laufer Synth  
Ominous Full  
Ominous K Dark  
Slow Distorsion  
Smart Pad

## Synths

Amanda Lead  
Analog Strings  
FX Falling Synth  
K Sawlo  
Lets Get Funky  
Mallet Brass Synth  
One Two Lead  
Organic Synth  
Oscillator Mayhem  
PolySaw  
Power K Synth  
Sinus Porta Pad  
Space Keys  
Starship Drone  
Techno Synth Sax  
That 90s Synth

TOP Forty 80s  
Voice OLo  
Wave Lead

## Wind & Brass

Bar Horn Section  
Brass Band  
Classical Flute  
Full Brass  
Full Horn Solo  
Horn Ensemble  
Klarinet  
Little Room Band  
Reed Ensemble  
Sexy Sax  
Tower Brass  
Trombone  
Trumpet High  
Trumpet  
Uboe  
World Flute  
Yon Soft Horns



# CREDITS & THANKS

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## Produced by UVI

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## Graphic Design

Nathaniel Reeves  
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## Special Thanks

Jean-Bernard Emond for the Kurzweil K250 and DK Synergy  
Eric Inglebert for the Chroma Polaris & Elka Synthex  
Christian Braut for the Yamaha DX1  
Manu @ Masterwave for everything else !

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Vintage Legends